

## **RACK PIVOT PIN INSTALL NODE 1**

### OBJECTIVE:

Install rack pivot pins onto pivot pin fittings.

### LOCATION:

NOD1D4

### DURATION:

Thirty minutes

### PARTS:

Pin, Rack Pivot-Midbay (P/N 1F89557-1)

Pin, Rack Pivot-Aft (P/N 1F89544-1)

### MATERIALS:

None

### TOOLS REQUIRED:

Kit D:

6", 3/8" Hex Head, 3/8" Drive

3/16" Hex Head, 3/8" Drive

Kit E:

Ratchet 3/8" Drive

Kit I:

Common Tip Screwdriver 4"

### REFERENCED PROCEDURE(S):

None

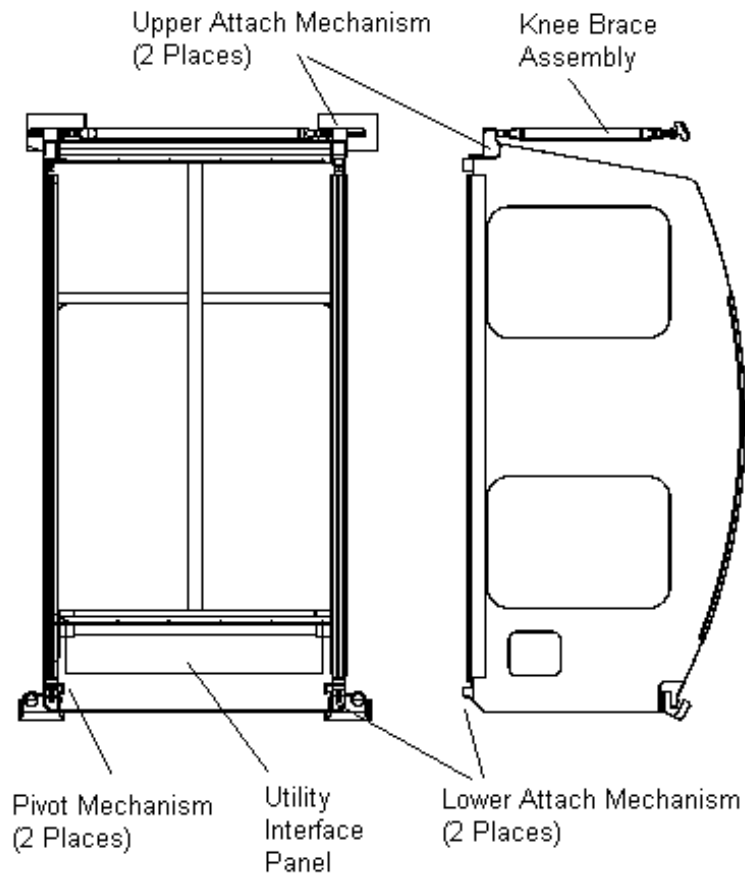


Figure 1.- Rack Attachment Mechanisms.

#### ACCESS

1. Remove Utility Interface Panel (UIP) Close-out from rack, 1/4 turn fastener (two).

#### DISENGAGE RACK LOWER ATTACH MECHANISMS

##### **CAUTION**

Disengagement sequence must be followed exactly to prevent equipment damage. This process allows any induced loads to be released safely back into structure.

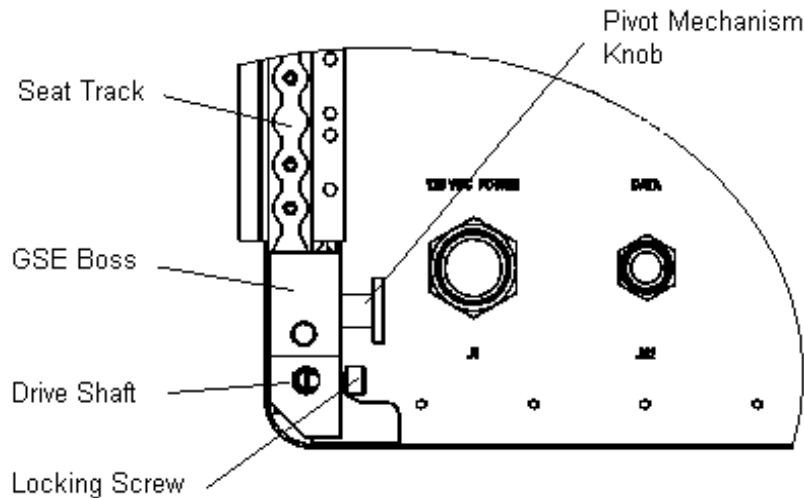


Figure 2.- Lower Attach Mechanism (left side).

**NOTE**

Lower Attach Mechanism Locking Screw is non-captive.

2. Loosen left Locking Screw (Ratchet 3/8" Drive, 3/8" Hex Head) 10 --- 12 turns or until Drive Shaft hole is clear. See Figure 2.
3. Disengage left Drive Shaft (Ratchet 3/8" Drive, 3/8" Hex Head) until bolt head is flush with bottom of bolt hole. See Figure 2.
4. Tighten, snug left Locking Screw (Ratchet 3/8" Drive, 3/8" Hex Head). See Figure 2.
5. Repeat steps 2 --- 4 for right Lower Attach Mechanism.
6. Tighten, snug both Pivot Mechanism Knobs in unlatched position. See Figure 2.

**INSTALL RACK PIVOT PINS**

7. Install endcone (aft) rack pivot pin onto fitting.  
Tighten snug by hand, then with tool (Common Tip Screwdriver).
8. Install midbay (forward) rack pivot pin onto fitting.  
Tighten snug by hand, then with tool (Ratchet 3/8" Drive, 3/16" Hex Head).
9. Tighten, snug both Pivot Mechanism Knobs in latched position.

**CLOSE-OUT**

10. Attach Utility Interface Panel Close-out, 1/4 fastener (two).

**POST MAINTENANCE**

11. Stow tools.